

Name: ..... No. ....

## “The World of Artificial Intelligence (AI)”

Read the passage and answer the questions.



Artificial Intelligence (AI) has emerged as a transformative force, revolutionizing the way we interact with technology and perceive the future. Defined as machines mimicking cognitive functions, AI has permeated various aspects of our lives, from virtual assistants to complex decision-making systems. Machine learning, a subset of AI, enables systems to learn and adapt without explicit programming. As AI continues to evolve, it holds promise in healthcare, finance, and education, streamlining processes and enhancing efficiency. However, ethical concerns around data privacy and the potential impact on employment loom large. Striking a balance between innovation and ethical considerations is crucial as we navigate this AI-driven era, ensuring that artificial intelligence becomes a tool for societal benefit rather than a source of unintended consequences.

1. What is Artificial Intelligence (AI) and how is it defined in the passage?

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2. What is mentioned as a subset of AI that enables systems to learn and adapt without explicit programming?

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3. In which fields does the passage suggest that AI holds promise for enhancing efficiency?

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4. What ethical concerns are highlighted in the passage regarding AI?

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5. What is emphasized as crucial for navigating the AI-driven era in the passage?

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